

392508075184601 Local number 110073 Sheppards 2 Obs

Northern Atlantic Coastal Plain aquifer system
Cohansey Sand-Kirkwood Formation

Cumberland County, NJ

LOCATION.--Lat 39°25'08", long 75°18'46" referenced to North American Datum of 1927, Hopewell Township, Cumberland County, NJ, Hydrologic Unit 02040206, at the Holly Shores Girl Scout Camp at Sheppards Mill, Greenwich Rd.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 40 ft. Upper casing diameter 4 in; top of first opening 35 ft, bottom of last opening 40 ft. Drilled water-table well.

DATUM.--Land-surface datum is 37.35 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base of locking cap, 2.61 ft above land-surface datum, June 1, 1993, to present.

PERIOD OF RECORD.--Mar. 1973 to current year.

GAGE.--None: periodic measurements with chalked steel tape.

REMARKS.--Water level is affected by the stage of Sheppards Mill Pond.

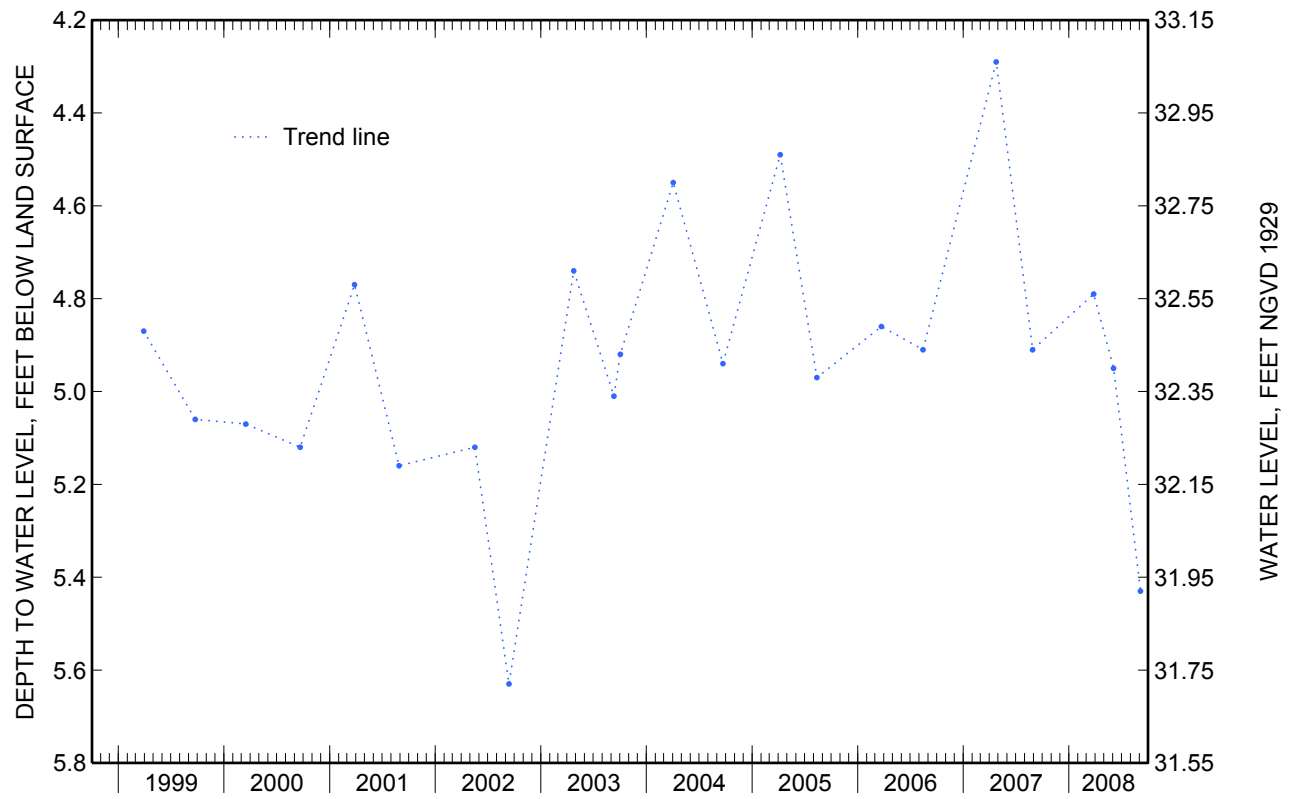
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 4.00 ft below land surface, May 4, 1973; lowest, 5.63 ft below land surface, Sept. 12, 2002.

**WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Water level	Date	Water level
Mar 26	4.79	Sep 4	5.43
Jun 3	4.95		

Water year 2008 highest: 4.79 Mar 26, 2008; lowest: 5.43 Sep 04, 2008

392508075184601 Local number 110073 Sheppards 2 Obs—Continued



392508075184601 Local number 110073 Sheppards 2 Obs—Continued

WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 2

Date	Time	pH, water, unfltrd field, std units (00400)	Specific conduc- tance, wat unf μS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	Potas- sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, wat unf infl pt titr., field, mg/L as CaCO3 (00419)	Bromide water, fltrd, mg/L (71870)	Chlor- ide, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)
Mar 26...	1100	6.5	159	12.6	61	21.6	1.76	1.52	4.57	31	.04	8.96	23.8

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 2

Date	Residue water, fltrd, sum of consti- tuents mg/L (70301)	Arsenic water, fltrd, μg/L (01000)	Boron, water, fltrd, μg/L (01020)	Iron, water, fltrd, μg/L (01046)
Mar 26...	82	.24	7	551